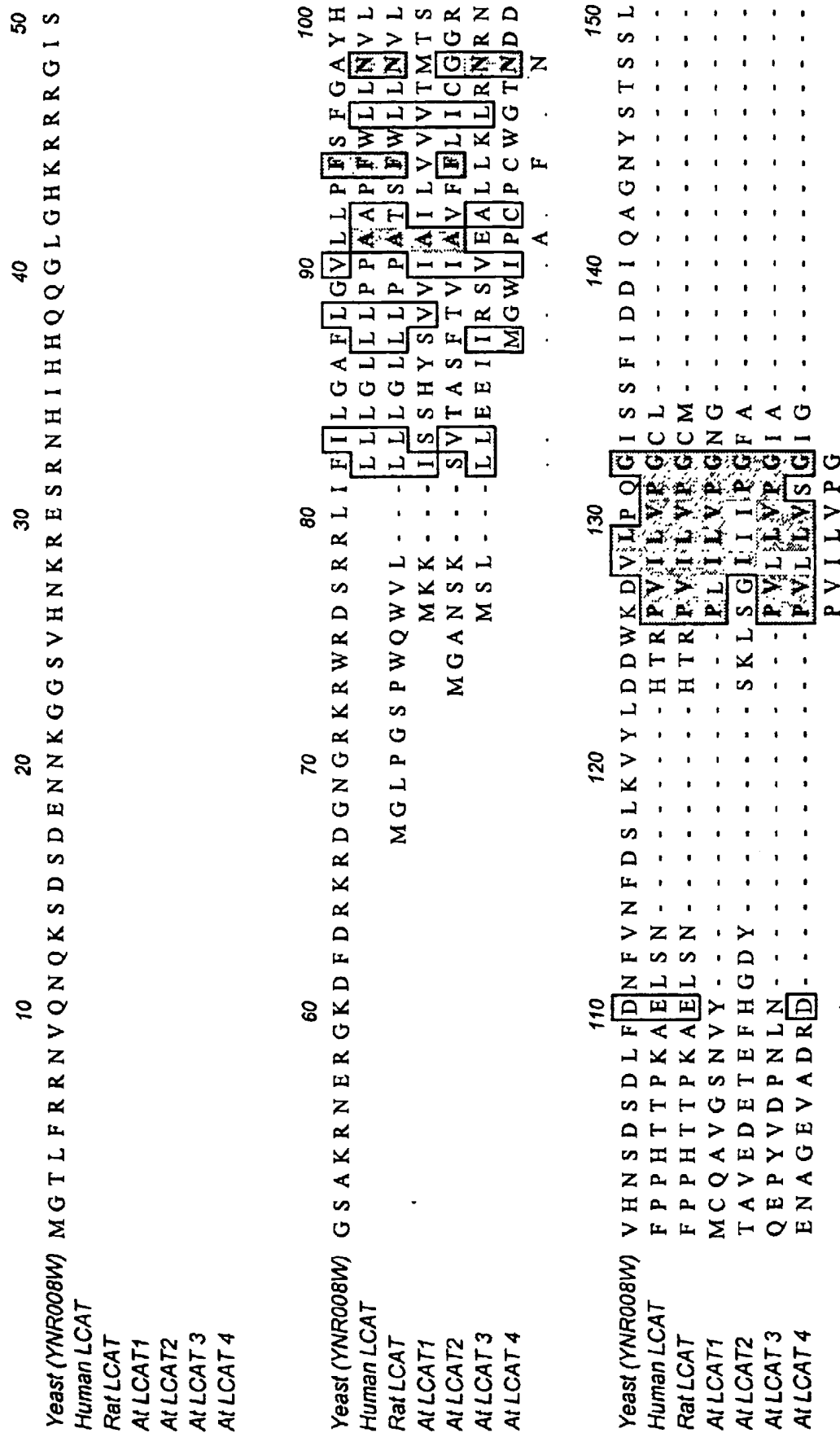


ClustalW Formatted Alignments



Yeast (YNR008W)
Human LCAT
Rat LCAT
AtLCAT1
AtLCAT2
AtLCAT3
AtLCAT4

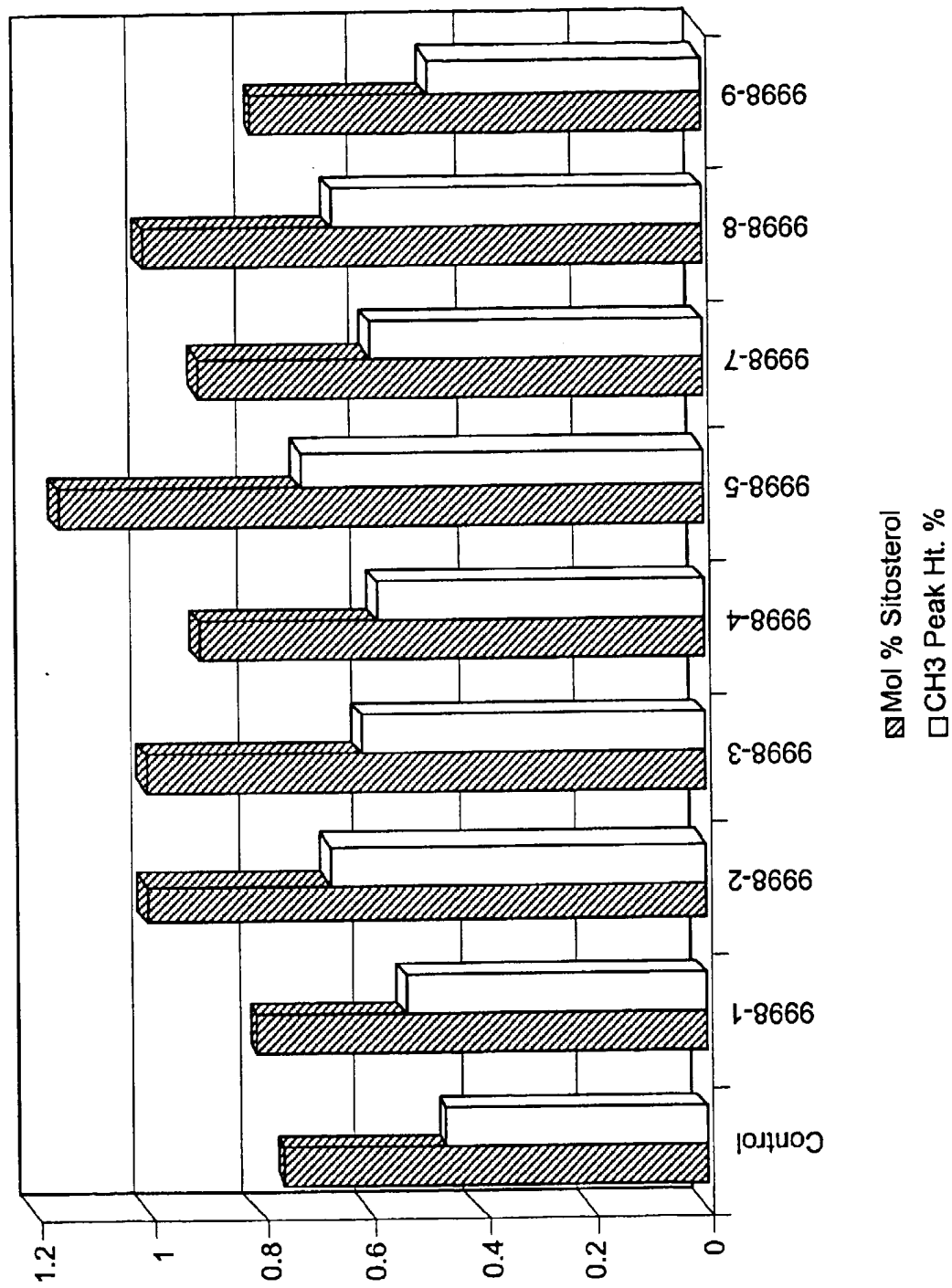
Yeast (YNR008W)
Human LCAT
Rat LCAT
AtLCAT1
AtLCAT2
AtLCAT3
AtLCAT4

Yeast (YNR008W)
Human LCAT
Rat LCAT
AtLCAT1
AtLCAT2
AtLCAT3
AtLCAT4

Yeast (YNR008W)
Human LCAT
Rat LCAT
ALCAT1
ALCAT2
ALCAT3
ALCAT4

	410	420	430	440	450
Yeast (YNR008W)	T I Q L N T L A M Y	G L E K F F S R I E R V K	M L Q T T W G G I	P S M L P K G	- E E V I W G D M
Human LCAT	- - - - -	Q G I P I M S S I K L K E	- E Q R I T T T S P	- - - - -	- W M F -
Rat LCAT	- - - - -	Q G I P I M S N I K L R E	- E Q R I T T T S P	- - - - -	- W M F -
AiLCAT1	- - - - -	L G V P L V N P L L V R R	- H Q R T S E S N Q	- - - - -	- W L L -
AiLCAT2	- - - - -	E G T A R L L S N S F A S S L W	L M P F S K N C K G	- - - - -	- W T H F
AiLCAT3	- - - - -	N G W E Q N F F V S K W S	- M H Q L L I E C P S	- - - - -	- W E L P
AiLCAT4	- - - - -	E G L E S F F F V S R W T	- M H Q L L L V E C P S	- - - - -	- W K K Q
					W

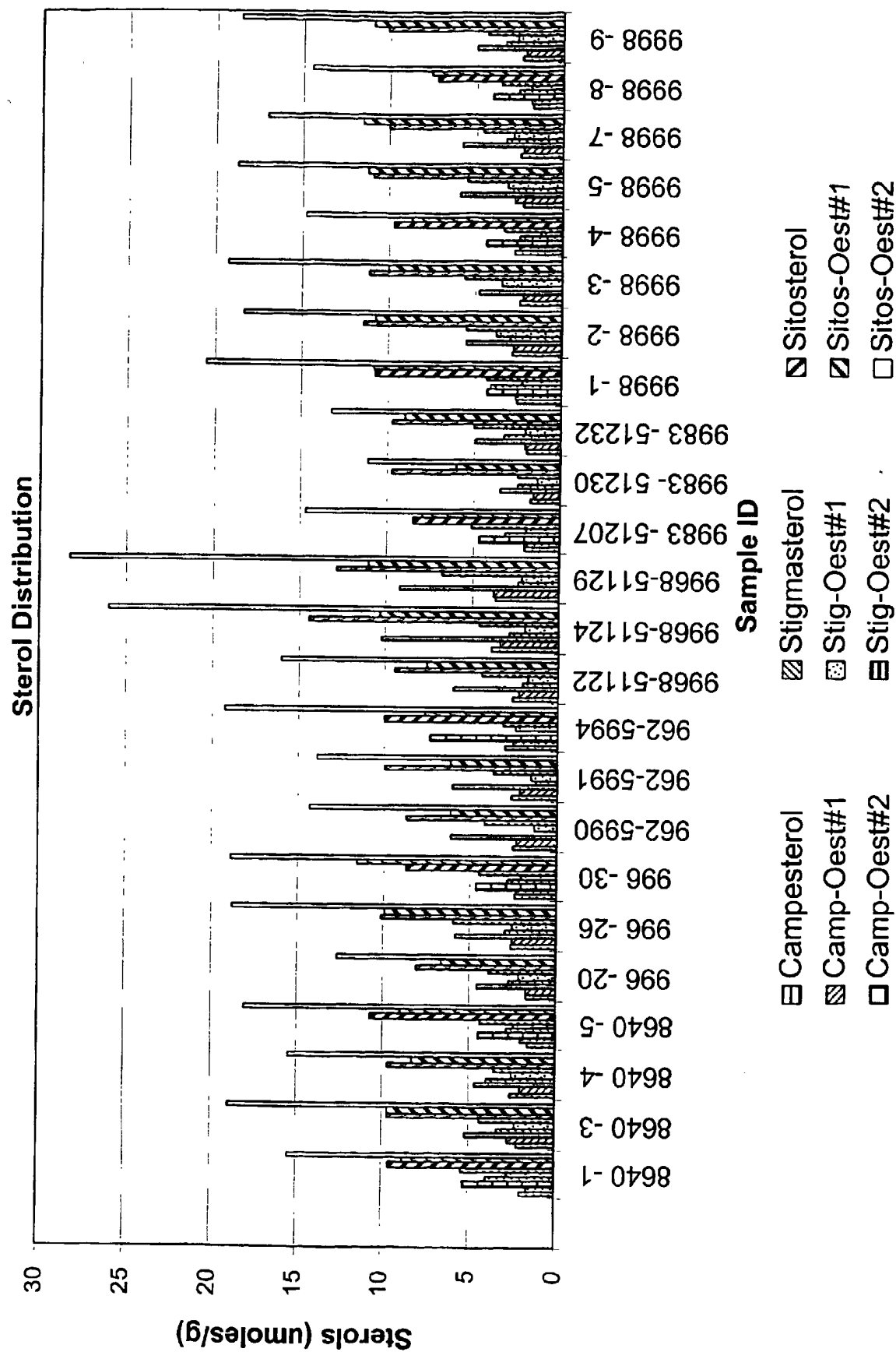
FIG. 2



Sterol Distribution



FIG. 4



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FIG. 5

NIR Analysis of LCAT

